

WHAT IS CLAIMED IS:

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A1 / 1. A character display device comprising:

a recording means recording dot patterns and proximal reference points of each character;

a coordinate calculation means obtaining said proximal reference point of each character comprising a character series from said recording means and calculating a display position of each character from a display angle, display reference position and said proximal reference point of said character series; and

a display means obtaining a dot pattern for each character comprising a character series from said recording means and displaying each character at a display position calculated by said coordinate calculation means.

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D1 / 2. A character display device according to Claim 1, wherein, when said recording means records dot patterns and proximal reference points of sloping characters which slope at an arbitrary angle apart from normal non-sloping characters, said display means and said coordinate calculation means select a normal character or a sloping character depending on a display angle of said character series and obtain dot patterns and proximal reference points of said selected characters.

3. A character display device according to Claim 2, wherein said display means and said coordinate calculation means compare an angle of slope of a normal and a sloping character with a display angle of a character series and select a normal character or a sloping character having an angle of slope most approximating said display angle.

4. A character display device according to Claim 1, further comprising an input means allowing input of a character series to be displayed, and a display angle and display reference position of said character series.

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5. A character display device according to Claim 1, further comprising a reading means reading a character series to be displayed being recorded in a memory, and a display angle and display reference position of said character series.

6. A method of character display comprising the steps of:  
obtaining said proximal reference point of each character comprising said character series;  
calculating a display position of each character from a display angle, display reference position and said proximal reference point of said character series;  
obtaining a dot pattern for each character comprising said character series; and  
displaying each character at a display position.

7. A character display method according to Claim 6, further comprising the step of selecting a normal character or a sloping character depending on a display angle of said character series and obtaining dot patterns and proximal reference points of said selected characters, when said recording means records dot patterns and proximal reference points of sloping characters which slope at an arbitrary angle apart from normal non-sloping characters.

8. A character display method according to Claim 7, further comprising the steps of:  
comparing an angle of slope of a normal and a sloping character with a display angle of a character series; and  
selecting a normal character or a sloping character having an angle of slope most approximating said display angle.

9. A character display method according to Claim 6, further comprising the step of inputting a character series to be displayed, and a display angle and display reference position of said character series.

10. A character display method according to Claim 6, further comprising the step of reading a character series to be displayed being recorded in a memory, and a display angle and display reference position of said character series.

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